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February 13, 2004

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Atty. Docket No.: **P69505USO**  
**CUSTOMER NUMBER: 00136**

Sir:

Transmitted herewith for filing is the patent application in the name of:

Soo Jun PARK of Seoul, Republic of Korea;  
Tae Hyun KIM of Taejon, Republic of Korea;  
Hyun Sook LEE of Taejon, Republic of Korea;  
Hyun Chul JANG of Taejon, Republic of Korea; and  
Seon Hee PARK of Taejon, Republic of Korea,

for APPARATUS AND METHOD FOR RECOGNIZING BIOLOGICAL NAMED ENTITY FROM BIOLOGICAL LITERATURE BASED ON UMLS. The application comprises a 26-page specification including 14 claims (2 independents) and Abstract, 6 sheets of drawings (Figs. 1-10), and a Declaration and Power of Attorney.

The above-mentioned applicants qualify for small entity status.

Also accompanying this application for filing is:

- (1) Assignment document, cover sheet and \$40.00 fee for recordation of Assignment;
- (2) Information Disclosure Statement, Form PTO-1449 and copies of references; and
- (3) A certified copy of Korean Application No. 2003-74429, filed October 23, 2003, the priority of which is claimed under 35 U.S.C. §119.

The filing fee has been calculated as shown:

Small Entity	\$ 385.00
Total Claims= <u>14</u> ; in excess of 20 = 0 x (\$9.00) =	
Total Ind. Claims= <u>2</u> ; in excess of 03 = 0 x (\$43.00) = +	
<b>TOTAL FILING FEE:</b>	<b>\$ 385.00</b>

Payment by credit card (Form PTO-2038) in the amount of **\$425.00** is enclosed to cover the Total Filing Fee and Assignment Recordation Fee. The Commissioner is hereby authorized to charge payment of any fees set forth in Sections 1.16 or 1.17 during the pendency of this application, or credit any overpayment, to deposit Account No. 06-1358. A duplicate copy of this sheet is enclosed.

031356 U.S. PTO  
10/777072  
021304

Jacobson Holman PLLC

Respectfully submitted,

By: 

Yoon S. Ham

Reg. No. 45,307

YSH:dj  
Enclosures